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Customer No.: 91361
Docket No.: 11M09110 PA
Application No.: 10/707,796Claim 26 (currently unpatented) The method of claim 25, further comprising:one or said first frame data and said ninth frame data respectively and said ninth framedata, outputting the third frame data and a fourth framedata, comprising one of said third frame data and said tenth frame data;receiving [[v]] said tenth frame data and outputting said first frame data, whereinthe third frame data and the tenth frame data are output sequentially; andframe data;10 one or said first frame data and said ninth frame data respectively and said tenth frame data;one or said first frame data and said ninth frame data respectively and said tenth frame data;wherein said step of compensating said frame data and said tenth frame data isperformed by obtaining said compensation data in response to said third frame data, saidfourth frame data, and said tenth frame data; andtransforming said ninth frame data and said tenth frame data into one of said first frame data andthe third frame data respectively and said tenth frame data and said ninth frame datarespectively;Claim 27 (currently unpatented) The method of claim 26, further comprising:said step of transforming said ninth frame data and said tenth frame data intoone of said first frame data and said third frame data respectively and said third frame

Claim 26 (currently amended) The method of claim 25, further comprising:
~~said step of transforming said sixth frame data and said seventh frame data into
one of said first frame data and said third frame data respectively and said third frame data and
said first frame data respectively is changed to a step of transforming said sixth
frame data and said seventh frame data to output the third frame data and a tenth frame
data, outputting one of said third frame data and said tenth frame data;~~

5 ~~receiving [[a]]said tenth frame data and outputting said first frame data, wherein
a number of bits of said tenth frame data is larger than a number of bits of said first
frame data;~~

10 ~~receiving a second frame data and outputting an eleventh frame data, wherein a
number of bits of said second frame data is larger than a number of bits of said eleventh
frame data;~~

15 ~~wherein said step of outputting said fourth frame data and said fifth frame data is
performed by obtaining said compensation data in response to said third frame data, said
tenth frame data, and said eleventh frame data corresponding to said tenth frame data;~~

20 ~~wherein said step of transforming said sixth frame data and said seventh frame
data into one of said first frame data and said third frame data respectively and said third
frame data and said first frame data respectively is changed to a step of transforming
said sixth frame data and said seventh frame data into one of said tenth frame data and
said third frame data respectively and said third frame data and said tenth frame data
respectively.~~

Claim 27 (currently amended) The method of claim 26, further comprising:
~~said step of transforming said sixth frame data and said seventh frame data into
one of said first frame data and said third frame data respectively and said third frame~~

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Claim 26. (currently amended) The method of claim 25, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data to output the third frame data and a tenth frame data, outputting one of said third frame data and said tenth frame data;

receiving [[a]]said tenth frame data and outputting said first frame data, wherein a number of bits of said tenth frame data is larger than a number of bits of said first frame data;

10 receiving a second frame data and outputting an eleventh frame data, wherein a number of bits of said second frame data is larger than a number of bits of said eleventh frame data;

wherein said step of outputting said fourth frame data and said fifth frame data is performed by obtaining said compensation data in response to said third frame data, said 15 tenth frame data, and said eleventh frame data corresponding to said tenth frame data;

20 wherein said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively.

Claim 27 (currently amended) The method of claim 26, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame

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data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data to output the third frame data and a twelfth frame data, outputting one of said third frame data and said twelfth frame data;

5 quantizing [[a]]said twelfth frame data and said third frame data by using a nonlinear quantization method to output said tenth frame data and a thirteenth frame data respectively, wherein said step of outputting said fourth frame data and said fifth frame data is performed by obtaining said compensation data in response to said twelfth frame data, said third frame data, and said thirteenth frame data corresponding to said eleventh frame data, and wherein said step of transforming said sixth frame data and 10 said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively is change changed to a step of transforming said sixth frame data and said seventh frame data into one of said twelfth frame data and said third frame data respectively and said third frame data and said twelfth frame data respectively.

15 Claim 28. (original) The method of claim 27, wherein said step of outputting said fourth frame data and said fifth frame data further comprises:

simultaneously receiving said thirteenth frame data and said eleventh frame data corresponding to said thirteen and comparing said thirteenth frame data and said eleventh frame data to generate said compensation data based on the difference between 20 said thirteenth frame data and said eleventh frame data;

simultaneously receiving said twelfth frame data and said compensation data corresponding to said twelfth frame data, and compensating said twelfth frame data based on said compensation data to obtain said fourth frame data; and

simultaneously receiving said third frame data and said compensation data

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corresponding to said third frame data, and compensating said third frame data based on said compensation data to obtain said fifth frame data.

Claim 29 (currently amended) The method of claim 25, further comprising:

said step of transforming said sixth frame data and said seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data to output the third frame data and a tenth frame data, outputting one of said third frame data and said tenth frame data;

10 quantizing [[a]]said tenth frame data and said third frame data by using a nonlinear quantization method to output said first frame data and an eleventh frame data respectively;

wherein said step of outputting said fourth frame data and said fifth frame data is performed by obtaining said compensation data in response to said tenth frame data, said third frame data, and said eleventh frame data, and said second frame data 15 corresponding to said eleventh frame data;

20 wherein said step of transforming a sixth frame data and a seventh frame data into one of said first frame data and said third frame data respectively and said third frame data and said first frame data respectively is changed to a step of transforming said sixth frame data and said seventh frame data into one of said tenth frame data and said third frame data respectively and said third frame data and said tenth frame data respectively.

Claim 30. (original) The method of claim 29, wherein said step of outputting said fourth frame data and said fifth frame data further comprises:

simultaneously receiving said eleventh frame data and said second frame data

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corresponding to said eleventh and comparing said eleventh frame data and said second frame data to generate said compensation data based on the difference between said eleventh frame data and said second frame data;

simultaneously receiving said ninth frame data and said compensation data; compensating said ninth frame data based on said compensation data to obtain said fourth frame data; and

simultaneously receiving said third frame data and said compensation data corresponding to said third frame data, and compensating said third frame data based on said compensation data to obtain said fifth frame data.

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corresponding to said eleventh and comparing said eleventh frame data and said second frame data to generate said compensation data based on the difference between said eleventh frame data and said second frame data;

simultaneously receiving said tenth frame data and said compensation data
5 corresponding to said tenth frame data, and compensating said tenth frame data based on said compensation data to obtain said fourth frame data; and

simultaneously receiving said third frame data and said compensation data corresponding to said third frame data, and compensating said third frame data based on said compensation data to obtain said fifth frame data

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